

Work Order ID 165249

Thursday, August 17, 2017 10:37:19 AM

165249

Page 2

Item ID: D4035-043 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Lid Rib Assembly, Aft (350 Basket)
Start Date: 8/17/2017 Start Qty: 8.00 ***8*** Cust Item ID:
Required Date: 8/21/2017 Req'd Qty: 8.00 ***8*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.16				8	8	SEP 08 2017	DAS 19 9-89
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: <u>WA4</u> Memo LOCATION: WA004	0.00 0.08				8		SEP 11 2017	DAS 24 9-89
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.80						17/9/13	

SEP 11 2017

Picklist Print

Thursday, August 17, 2017 10:37:23 AM

Page 1

Work Order ID: 165249

165249

Parent Item: D4035-043

D4035-043

Parent Item Name: Lid Rib Assembly, Aft (350 Basket)

Start Date: 8/17/2017

Required Date: 8/21/2017

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP revA: new issue DD 09.11.25 verified by:EC IPP Rev:B as
per dwg revA 10.03.15 verified by:EC IPP Rev:C 13.06.24 AS
PER DWG REV.pb2 DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4021-9		Manufactured	No			100	Each	68.0000	2	16			

✓ ***D4021-9***
Bushing

****163982 D.M.L 2017-8-30**

Location	Loc Qty	Loc Code
WA004	68	
163982	57	
164511	11	

✓ M304TS0.750W.049 Purchased No
M304TS0 750W 049
304 SQ Tube .75x.75x.049W

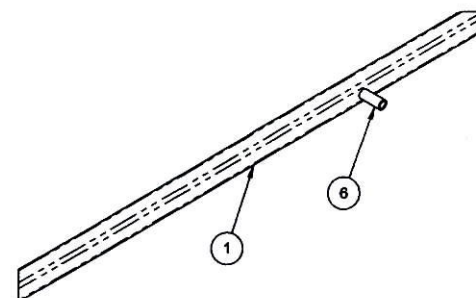
100 f 627.1895 1.75 14.73684

**** D.M.L 2017-8-30**

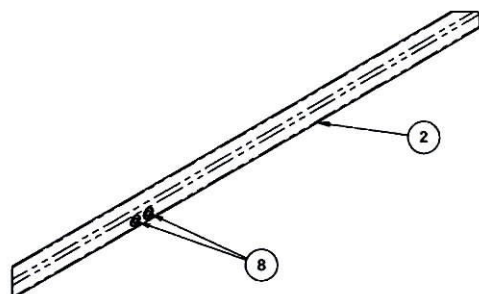
Location	Loc Qty	Loc Code
WA004	627.189474	137934 1616
M137401	0.689474	137635 2
M137625	285	
M137824	2	
M137934	39.5	
M138160	300	

12

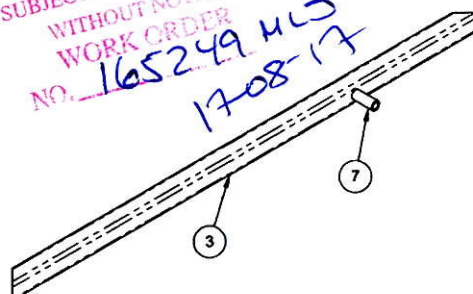
ITEM	QTY -041	QTY -043	QTY -045	QTY -047	P/N	DESCRIPTION
	X				D4035-041	LID RIB ASSY, FWD
		X			D4035-043	LID RIB ASSY, AFT
			X		D4035-045	LID RIB ASSY, FWD (LIGHT)
				X	D4035-047	LID RIB ASSY, AFT (LIGHT)
1	1				D4035-1	RIB
2		1			D4035-3	RIB
3			1		D4035-5	RIB
4				1	D4035-7	RIB
5				2	D4035-11	BUSHING
6	1				D2327-3	SPACER BUSHING
7			1		D2953-175	SPACER
8		2			D4021-9	BUSHING



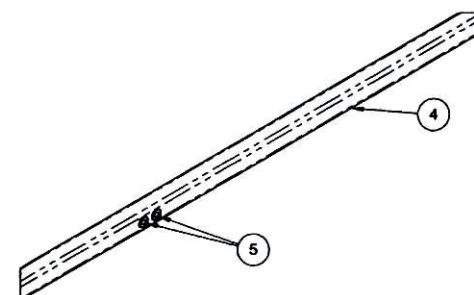
D4035-041 BASKET LID RIB ASSY, FWD



D4035-043 BASKET LID RIB ASSY, AFT



D4035-045 BASKET LID RIB ASSY, FWD (LIGHT)

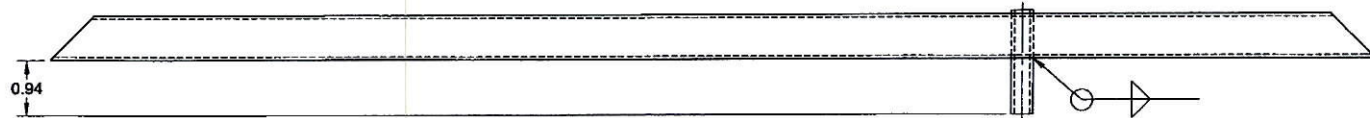


D4035-047 BASKET LID RIB ASSY, AFT (LIGHT)

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 165249 HLT
17-08-17

RELEASED
2010-03-12
AM

A	NEW ISSUE	DESCRIPTION	JPH	10.03.04
REV.			BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	JPH			
CHECKED		DRAWING NO.	REV. A	
MFG. APPR.		D4035	SHEET 1 OF 5	
APPROVED		TITLE	SCALE	
DE APPR.		BASKET LID RIB ASSY	NTS	
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD		



D4035-1
RIB

D2327-3
SPACER BUSHING

D4035-041 BASKET LID RIB ASSY, FWD



D4035-3
RIB

D4021-9
BUSHING
2 PL

TYP

D4035-043 BASKET LID RIB ASSY, AFT

RELEASED
2010-02-12
NWO

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.83 lbs
- 8) WELDING: PER DART QSI 004

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JFH		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4035	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		BASKET LID RIB ASSY	NTS
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

D4035-5
RIB

D2953-175
SPACER

0.94

D4035-045 BASKET LID RIB ASSY. FWD (LIGHT)

D4035-7
RIB

D4035-11
BUSHING
2 PL

TYP

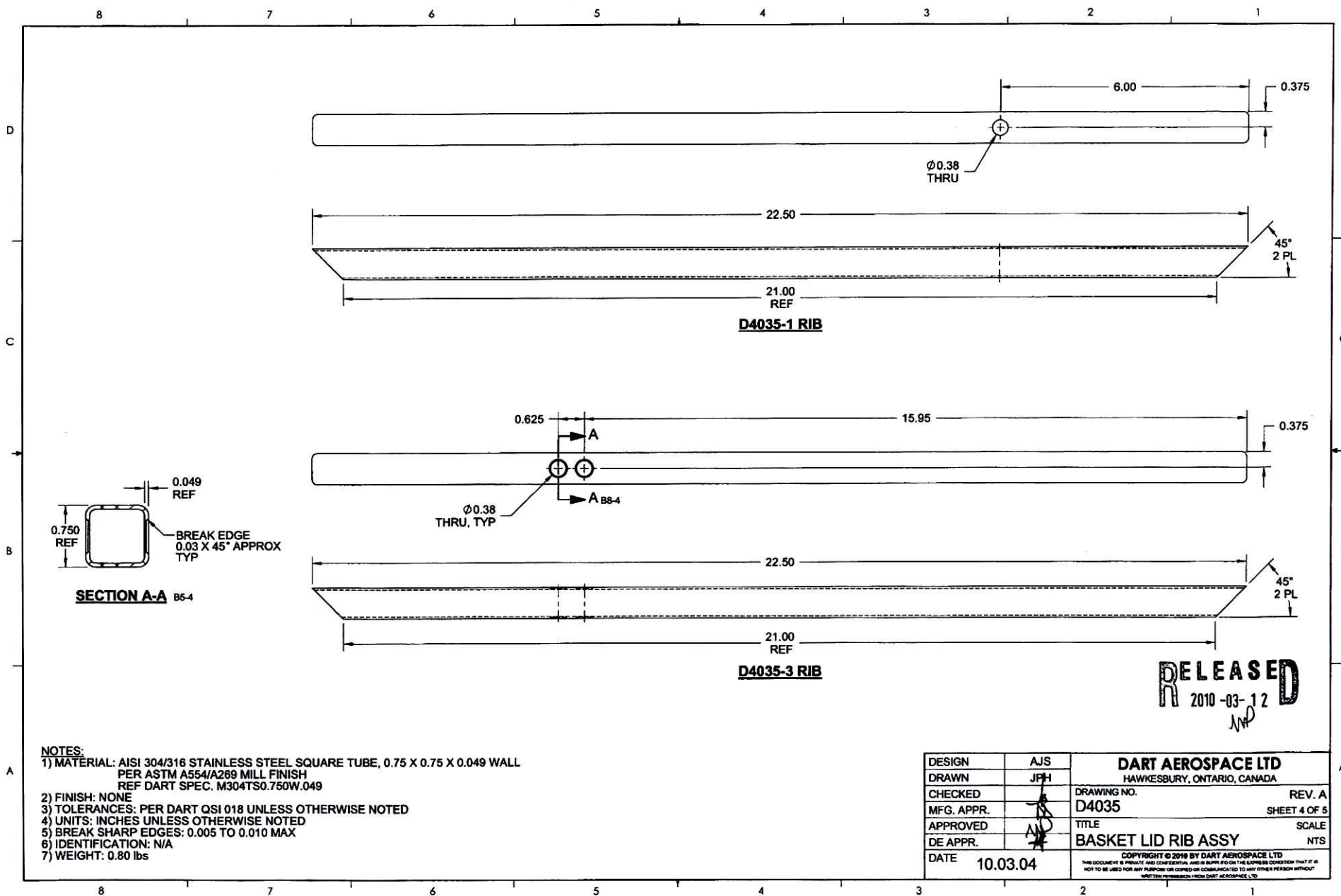
D4035-047 BASKET LID RIB ASSY. AFT (LIGHT)

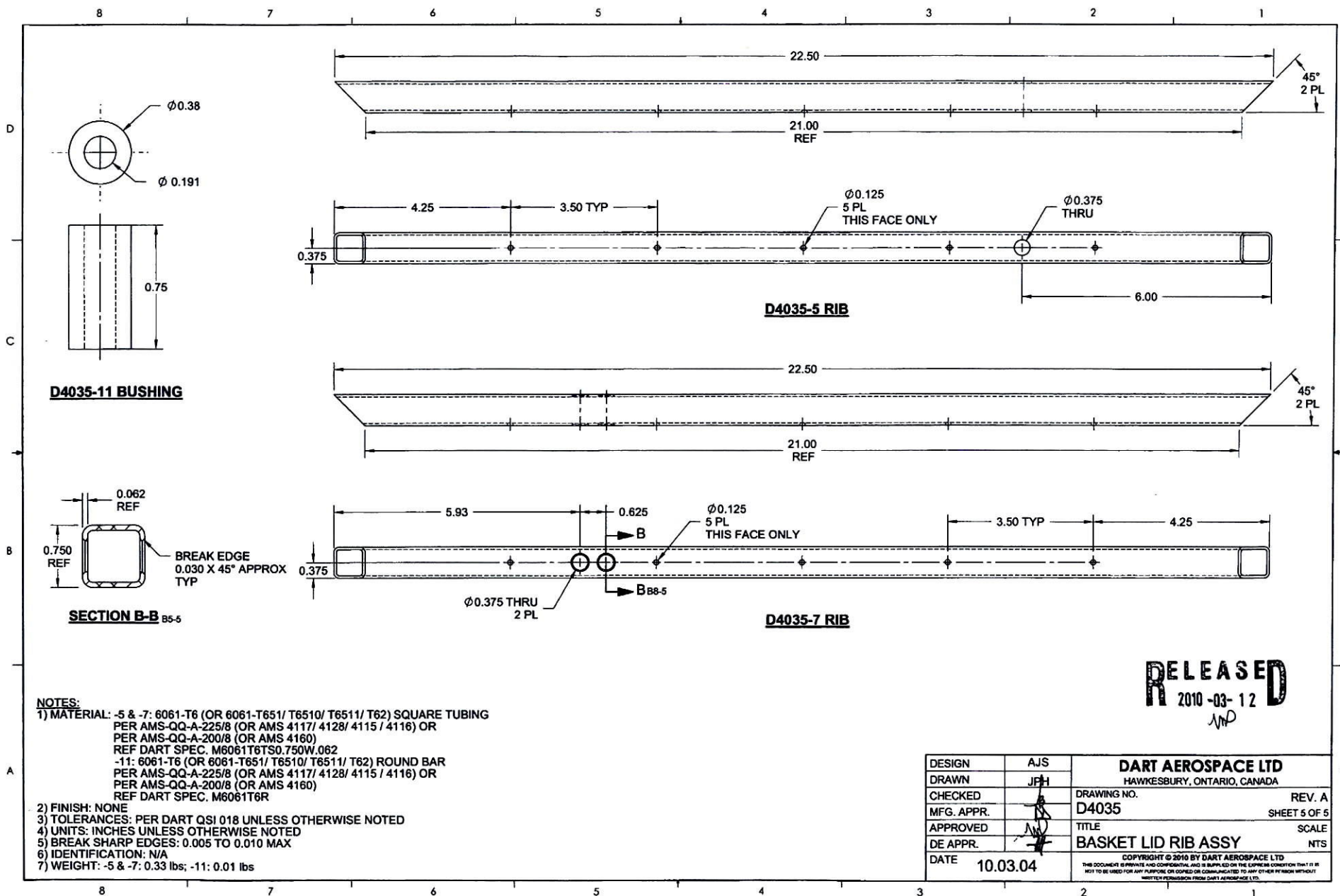
RELEASED
2010-03-12
AW

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.34 lbs
- 8) WELDING: PER DART QSI 004

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	<i>[Signature]</i>	DRAWING NO. D4035	REV. A
MFG. APPR.	<i>[Signature]</i>	SHEET 3 OF 5	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	BASKET LID RIB ASSY	NTS
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	





M137625 M 304TSO, 750w, 0.49

Page 1 of 1

All Vendors PO ID PO36329 Receipt Dates from 5/23/2017 to 5/23/2017 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

[illegible]

Shipping Order

19/05/2017

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7
Tel. : 450 641-3330

Order : 125634
Reference : 36329
Ship : PICK UP / PICK UP

Customer : 6323336

Ship To

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SSQT34340494	304 SQ TUBE .750 X .049 WALL 25 X 20' **** HT: TBG113301	500	500	e
TP12A2	A-2 PLATE TFA 1/2" THICK ht# 59498 2 X 1.25" -0+0 X 144" R/L	56	56	e

SHIP JOURNEY COLLECT
HP

817-5-24.

Shipping : _____ Ref. : _____
Package No : _____
Merchandise Received: _____

檢驗證明書
INSPECTION CERTIFICATE

524彰化縣溪州鄉中山路四段270號
No.270, Sec.4, Jungshan Rd., Shijou Shiang,
Chang-Hwa, Taiwan, R.O.C
http://www.ycinox.com
TEL : +886-4-8899666 FAX : +886-4-8899770



客戶名稱 Customer		客戶編號 Customer No.		FCA027		證明書編號 Certificate No.		170110P0122	
產品名稱 Production		STAINLESS STEEL WELDED TUBE		商業發票號碼 Commercial Invoice No.		J16120312		證明書日期 Date of Issue	
規格名稱 Specification		ASTM A554-78		客戶採購單號 PO No.		P006792		訂單編號 Order No.	
鋼種 Steel Grade		MT-304		提貨單編號 Weight No.		C17010081		P.I.號碼 P.I.NO.	
P.I.號碼 P.I.NO.		PI 1611-087							

項目 Item No.	爐號 Heat No.	產品規格 Product Description	數量 Quantity Pcs	表面 Finish	化學成份(%) Chemical Composition								拉伸試驗 Tension Test			*01 硬度 試驗 HRB	
													降伏 0.2%Y.S. MPa	抗拉 T.S. MPa	伸長率 E.L. %		
					C	Si	Mn	P	S	Ni	Cr						
Specification					Min.	Max.	80	100	200	45	30	1100	2000				
1	TBG113301	3/4" (19mm) x 3/4" (19mm) x 0.049" (1.25mm) x 20FT	60	MILL	44	47	89	35	4	806	1820	312	660	52	85		
2	TBG091286	2 1/2" (63.5mm) x 2 1/2" (63.5mm) x 1/4" x 20FT	5	MILL	19	28	141	26	3	800	1828	297	620	53	84		
3	TBG092176	2" (50.8mm) x 2" (50.8mm) x 1/4" x 20FT	13	MILL	24	31	139	28	8	804	1821	305	649	52	84		
4	TBG121892	3" (76.2mm) x 3" (76.2mm) x 0.12" (3.05mm) x 20FT	23	MILL	24	44	154	29	1	800	1811	308	690	50	88		
5	TBG122730	3" (76.2mm) x 3" (76.2mm) x 1/4" x 20FT	13	MILL	18	31	137	33	7	802	1827	298	626	53	86		
6	TBG113722	4" (101.6mm) x 4" (101.6mm) x 0.12" (3.05mm) x 20FT	23	MILL	15	37	104	24	3	804	1837	289	651	53	86		
7	TBG113712	4" (101.6mm) x 4" (101.6mm) x 0.180" (4.57mm) x 20FT	13	MILL	19	31	138	35	7	804	1827	303	628	53	87		
8	TBG113689	4" (101.6mm) x 4" (101.6mm) x 1/4" x 20FT	25	MILL	21	44	156	26	2	810	1813	301	659	53	87		
9	TBG122118	1 1/4" (31.8mm) x 1 1/4" (31.8mm) x 0.12" (3.05mm) x 20FT	50	MILL	42	48	89	34	2	813	1811	274	644	55	84		
10	TBG113247	2" (50.8mm) x 2" (50.8mm) x 0.12" (3.05mm) x 20FT	29	MILL	54	48	134	35	2	812	1819	275	612	53	82		
11	TBG113248	2" (50.8mm) x 2" (50.8mm) x 0.12" (3.05mm) x 20FT	25	MILL	44	41	89	39	6	801	1808	280	644	53	84		
TOTAL:			275														

附註 Remark		This certificate complies to 3.1/EN 10204:2004.	
		*01= Hardness Test Gauge Length: 50mm	
		Visual Inspection (Surface) and Dimension Check : OK	
		1MPa=1N/mm ² =10bar=145psi=10.2kgf/cm ²	

Surveyor By	茲證明本文所列產品，均依材料標準製造及試驗，並符合標準之要求，與無輻射污染	1.ISO 9001:2008 (No.01 100 056299) 2.PED / AD2000 (No.01 202 TWWQ-05 0105) 3.ISO 14001:2004 (No.01 104 822 096385) 4.OHSAS 18001:2007 (No.01 113 822 096385)
N/A	We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification. The material described above has been found free of radiation by raw material supplier.	Manager of Quality Assurance Department <i>Jie Yi Chen</i>



Métaux Solutions

L'alliage de qualité et de rapidité !

2625, Boul. Jacques-Cartier Est
Longueuil (Québec) J4N 1L7

info@metauxsolutions.com

T 450 641-3330

Ext : 1-800-967-2003

CERTIFICAT D'ANALYSE

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

23 mai 17

PROUNE DESCRIPTION	SHIPPED ROS	SHIPPED LBS	BY CORNERED	POUNE
A2-05000 1/2 X 31 1/4" X 145 1/8" A2 PLATE	1.00			0.00

ASTM A-681-08

DFARS Compliant

PLATE# : 412457B

Country of Origin FRANCE

PM HEAT# : 59498

BHN 207.00

C -	0.9770	Mn -	0.6180	P -	0.0100	S -	0.0008	Si -	0.2700	Ni -	0.2100
Cr -	5.1510	Mo -	0.9260	Cu -	0.1120	V -	0.2120	W -	0.0040		

ITEM 2: 2 X 1.25" X 144"

COMMANDE : 125634

REF : 36329

Métaux Solutions inc. certifie que les analyses sur ce document sont exactes et que le matériel rencontre les spécifications énumérées.

Préparer par

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304750, 750W, 049

PO / BATCH NO: P036329/M137605

DATE: MAY 25 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .049

QUANTITY RECEIVED: 500'

THICKNESS RECEIVED: .045

QUANTITY INSPECTED: 500'

SHEET SIZE ORDERED: NA

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: NA

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	ASTM A554
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	HT # T8G113301
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u>	SIGNED OFF BY: _____	
DATE: <u>MAY 25 2017</u>	DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MSteel A2 B0.500 X1.250

PO / BATCH NO.: PO36329/4137625

DATE: MAY 25 2017

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500
 THICKNESS RECEIVED: .500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y ☒ N ☐	
CORRECT FINISH	Y ☒ N ☐	
CORROSION	Y ☒ N ☐	
CORRECT GRAIN DIRECTION	Y ☒ N ☐	
CORRECT MATERIAL PER M-DRAWING	Y ☒ N ☐	ASTM A481
CORRECT THICKNESS	Y ☒ N ☐	
PHOTO REQUIRED	Y ☒ N ☐	
CORRECT REF # TO LINK CERT	Y ☒ N ☐	HF # 59498
CORRECT MATERIAL IDENTIFICATION	Y ☒ N ☐	
CORRECT M# ON THE MATERIAL	Y ☒ N ☐	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y ☐ N ☒	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y ☐ N ☒	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>OB</u>		SIGNED OFF BY: _____	
DATE: <u>MAY 25 2017</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36329**

Purchase Order Date 5/16/2017 1:03:43 PM

PO Print Date 5/16/2017

Page Number 1 of 2

Order From :

VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
MAY 16 2017

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
----------	---	------------------------	--------------------------------------	----	--------------------------------	---------------	-------------------

1	M304TS0.750W.049	304 SQ Tube .75x.75x.049W	5/23/2017 Yes 5/23/2017		500.00 f	\$3.80	\$1,900.00
---	------------------	------------------------------	-------------------------------	--	-------------	--------	------------

MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING
AS PER ASTM A554 MILL FINISH
OR
AS PER ASTM A269 MILL FINISH

Line Total: \$1,900.00

3	MSTEEL-A2-B0.500X1.250	AISI A2 TOOL STEEL BAR, 0.500 X 1.250	5/23/2017 Yes 5/23/2017		24.00 f	\$12.38	\$297.00
---	------------------------	--	-------------------------------	--	------------	---------	----------

MATERIAL: AISI A2 TOOL STEEL, ANNELED CONDITION
AS PER A681

NOTE: TOLERANCE -0+0" AS PER QUOTATION #16619
CUT AT 1.25"

SP17-5-24

Line Total: \$297.00

Note:

5/16/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36329**

Purchase Order Date 5/16/2017 1:03:43 PM

PO Print Date 5/16/2017

Page Number 2 of 2

Order From :

VC-MET002

Ship To : DART AEROSPACE LTD

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 558 8858

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

4	71401-45	PROCUREMENT QUALITY CLAUSES	5/23/2017	1.00	\$0.00	\$0.00
---	----------	--------------------------------	-----------	------	--------	--------

No

5/23/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

5217-5-24

Line Total: \$0.00

PO Total: \$2,197.00

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 5/16/2017

Page 1 of 1

All amounts are calculated in domestic currency.

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MET002	Metaux Solutions								
PO36689	2		M304TS0.750W.049 f		6/29/2017	7/3/2017	300.0000 ✓	\$2.93	0.0000	0	\$878.48
CAD	No		304 SQ Tube 160 51 f .75x.75x.049W m137934		300.0000	PLOU01		\$878.48	0.0000	0	

Shipping Order 29/06/2017

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 Tel.: 450 641-3330

Order : 126407
Reference : 36689
Ship : PICK UP / PICK UP

Customer: 6323336

Ship To

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SSQT34340494	304 SQ TUBE .750 X .049 WALL 15 x 20' <u>ake40273</u>	300	<u>300</u>	<u>9</u>

SHIP JOURNEY COLLECT

595



29-06-17

Shipping :
Package No :
Merchandise Received:

Ref. :

Kingmaker Steel Co., Inc.

Stainless Steel Tube and Pipe

133 Belmont Drive, Somerset, NJ 08873-1203
Tel.: (732) 302-1800, Fax: (732) 302-1822

Date: 6/20/2017
Invoice No: KM2017/1426
Purchase P008120
Order No:
Sold To:

Material Certification

ISO 9001:2015
ISO 14001:2004
EN 10204/3.1B

Ship To:

Stainless Steel T.I.G. Welded Tubing.

Country of Melt: Taiwan, Country of Origin: Taiwan.

Item	Description	Heat No.	Finish	Specification	Grade
1:	3/4" SQ X 0.049"W X 20'	AKE04027	MF	ASTM A554-16	MT-304
2:		5			
3:		9-89			
4:					
5:					

CHEMICAL PROPERTIES

	C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu
1:	.040	.510	1.08	.029	.014	18.10	8.14			
2:										
3:										
4:										
5:										

MECHANICAL PROPERTIES

	Tensile (N/mm2)	Yield (N/mm2)	Elong. (%)	Hardness (HRB)	Flattening	Hydrostatic	Eddy Current
1:	673.00	235.00	46.00	82.80			
2:							
3:							
4:							
5:							

WE HEREBY CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE MATERIAL LISTED ABOVE HAS BEEN MANUFACTURED IN ACCORDANCE WITH AND MEET THE ABOVE APPLICABLE SPECIFICATIONS AND GRADES, AND ALSO THAT THE MATERIAL WAS PRODUCED IN A MERCURY FREE ENVIRONMENT. THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE IN ACCORDANCE WITH ASTM A240.

0002472

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 1304T50.750W.049

PO / BATCH NO: PO36689/137934

DATE: JUL 06 2017

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 300'
 QUANTITY INSPECTED: 300'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .049
 THICKNESS RECEIVED: .051
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	<u>ASTM A554</u>
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	<u>4+ # AKC040273</u>
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>5</u> DATE: <u>JUL 06 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36689

Purchase Order Date 6/14/2017

PO Print Date 6/14/2017

Page Number 1 of 2

Order From :

VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304B0.250x0.500	304 BAR .250 x .500	6/20/2017 Yes 6/20/2017		80.00 r 84.	\$4.25	\$340.00
MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE							
Line Total:							\$340.00
2	<u>M304TS0.750W.049</u>	304 SQ Tube 75x.75x.049W	6/20/2017 Yes 6/20/2017		500.00 r	\$3.80	\$1,900.00
MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR AS PER ASTM A269 MILL FINISH							

new 200Y
SP17-6-19

new 300Y

SP17-7-3

Line Total: \$1,900.00

Note:

6/14/2017



PURCHASE MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING

FINISH: ASTM A554 MILL FINISH
OR ASTM A269 MILL FINISH

WHERE: A.AAA = WIDTH IN INCHES
.TTT = WALL THICKNESS IN INCHES

PART NUMBER: M304TS | A.AAA | W | TTT |
| WIDTH | WALL |

PART NUMBER: EG. 0.75" X 0.75" X 0.049 WALL = M304TS0.750W.049

RELEASED
2014-05-26

D	"SEAMLESS" REMOVED FROM PURCHASE MATERIAL SPECIFICATION (SEE NCR14-3618)	DS	14.05.20
C	"SEAMLESS" ADDED TO PURCHASE MATERIAL. ASTM A269 ADDED TO FINISH. REASON: SPEC ADDED FOR 1/2" TUBING	AJS	09.10.16
B	DRAWING MOVED TO "B" SIZE BORDER. FINISH ADDED (SEE NCR 08-045 FOR DETAILS).	AJS	08.08.28
A	NEW ISSUE	DS	01.08.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD	
DRAWN	DS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	DS	M304TS	SHEET 1 OF 1
APPROVED	DS	TITLE	SCALE
DE APPR.	DS	304/316 SQUARE TUBING	NONE
DATE	14.05.20	COPYRIGHT © 2001 BY DART AEROSPACE LTD ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36689**

Purchase Order Date 6/14/2017

PO Print Date 6/14/2017

Page Number 2 of 2

Order From :

VC-MET002

Ship To : DART AEROSPACE LTD

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

3	71401-45	PROCUREMENT QUALITY CLAUSES	6/20/2017	1.00	\$0.00	\$0.00
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No

6/20/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

8217-6-19.

Line Total: \$0.00

PO Total: \$2,240.00

CLD

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 6/14/2017